



Seattle Water Supply Indicators	
Water Storage	
Reservoir Inflows	
Snowpack	
Customer Use	
Overall	
Good G Fair	Poor

For more information, visit www.savingwater.org

# **Water Quality Technical Forum** Report

#### Chlorine Residual and Coliform Data

There was one positive coliform sample from the purveyor area during July 2008 (Seattle direct service area had five positives). Average chlorine residual concentrations in the purveyor distribution systems ranged from 0.67 to 1.23 mg/L, with an overall average of 0.95 mg/L. The chlorine residual target at the Tolt Treatment Facility is still 1.5 mg/L, but the target for the Cedar Water Treatment Facility was raised to 1.7 mg/L on July 25. The number of samples with

chlorine less than 0.2 mg/L was 20 in July (out of 846 samples). Only six of the low chlorine samples were from purveyor areas.

#### Taste and Odor

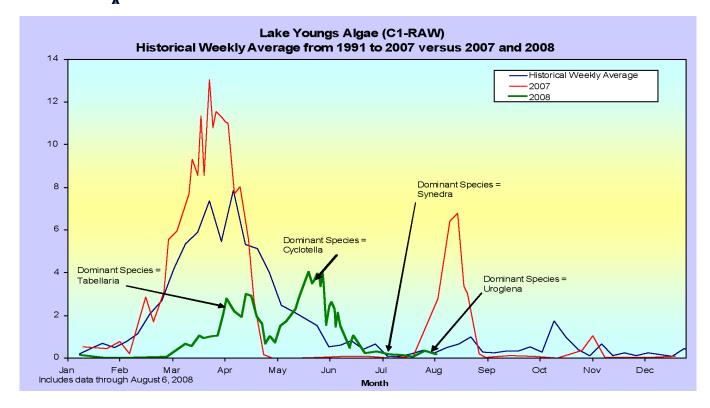
The taste and odor panel is meeting bi-weekly. Samples are rated on a scale from 1 to 9, with 1 representing the best and 9 representing the worst. The taste and odor flavor rating assessment (FRA) for the Cedar supply (Lake Youngs treated) sample in July was 2.0. The Tolt supply result was 1.8. The ozone treatment for the Cedar supply has been very effective at eliminating the Uroglena taste and odor coming from Lake Youngs. The Lake Youngs raw water FRA (prior to any treatment) was 9.

#### **Lake Youngs Status**

Current algae counts in Lake Youngs are very low, but the dominant species has switched to Uroglena. Uroglena is a taste and odor producer, but will not clog filters at the current level. The Cedar Water Treatment Facility has not been experiencing any algae related problems since pumping out of the lake resumed on July 1. Total coliform counts in the raw water have been increasing, which is typical after an algae die-off. Raw water temperatures for Lake Youngs are still about 2 degrees Celsius below normal for this time of year.

SPU Contact: Wylie Harper, (206) 684-7880 or Lynn Kirby, (206) 684-0216.







On the web at http://www.savingwater.org

### **RESIDENTIAL INDOOR**

### 3 Ways to Save Campaign Underway

The Saving Water Partnership and Seattle City Light have teamed up with the Home Depot and Bartell Drugs throughout our direct and wholesale utility region to encourage customers to save water and energy by:

- 1) Checking for and repairing toilet leaks;
- 2) Washing full loads of laundry and dishes;
- 3) Taking shorter showers (five minutes or less).

The direct mail piece was sent to single-family homeowners beginning July 21, and includes money-saving coupons: Bartell Drugs is offering discounts on Mrs. Meyer's biodegradable, highefficiency laundry detergent, and the Home Depot has reduced the price of FluidMaster toilet flapper and fill valve replacement kits. An additional coupon offers a free showerhead, shower timer

and compact fluorescent light bulb from City Light, available at local water utilities. There were initial problems supplying products to SWP members, which have been addressed. Shower timers in particular are expensive and awkward to send, so in-person distribution is a good strategy for these devices. The coupons expire on August 31, 2008.

An alternate, and potentially more convenient, way for customers to receive showerheads is available through a showerhead distribution program in progress in the PSE service area. Customers can order a showerhead online at www.showerheadprogram.com or call 1-888-404-8773 to order one.

CONTACT: Arece Hampton, (206) 733-9137

#### Multifamily Program Completing Large Projects

The Multi-Family Toilet Rebate Program (MFTR) has replaced 1,863 toilets to date, and expects to reach the target of 4,800 toilets by the end of the year. The Seattle City Light and PSE showerhead and efficient lighting promotions have brought



in quite a few new applications from property managers and agents who have not previously participated in the MFTR.

Some large projects are worth highlighting: a toilet retrofit taking place at 139 at the Park - a 543 unit apartment building in KCWD 20 - is about 20 percent complete. Since this is a major renovation, the project will be staged in phases, with completion anticipated by the end of 1008 or early 2009. Totem Lake Heights, a Northshore customer, is replacing 134 older toilets with the free model, as is Kingsgate Ridge Manor Condominiums in Woodinville (300 toilets). Four Freedoms, a 310 unit facility for seniors and disabled in Seattle, replaced 276 of its toilets in a record-breaking six-week timeframe! This building was built in 1962 and has 310 residents, so this was a major accomplishment. Building staff and residents are very pleased with the Western Pottery model.

CONTACT: Billie Fisher, (206) 615-1282



#### Spanish WashWise Translations in Stores

The WashWise Program continues on track, with 5,076 rebates processed to date. WashWise materials are all now available in Spanish, including point of purchase (POP) signage in stores, rebate coupons, and the website. Translated materials are being distributed to all local big box stores as well as smaller independent retailers that have requested them.

CONTACT: Billie Fisher, (206) 615-1282

# **RESIDENTIAL & COMMERCIAL LANDSCAPE** Residential Irrigation Program Rebates Coming In

Due to the wet spring weather and slowing economy, rebate activity was slower than normal in the first two quarters. In July, we mailed a postcard to single family irrigation customers and a newsletter to contractors to remind them about the rebates. Rebates are starting to pick up, and we typically receive the majority of rebates during the third and fourth quarters.

CONTACT: Jenna Smith, (206) 684-5955 or Allegra Abramo, (206) 233-5132

## Commercial Irrigation Projects Likely in Several Wholesale Areas

In 2008, staff members have focused on marketing the program to commercial customers and contractors who specialize in commercial properties. This often requires individualized attention and multiple meetings with customers and contractors, but the savings potential tends to be much larger than with residential customers. More contractors are starting to take advantage of the rebates for commercial customers, and we are confident that several significant projects will be completed this year, including projects at a City of Burien park (WD20), two schools in Edmonds (Olympic View), a corporate park in Bothell, and two Lake Washington schools in Northshore.

CONTACT: Jenna Smith, (206) 684-5955 or Allegra Abramo, (206) 233-5132.

## Residential Landscape Messaging Fall Campaign Revised

We have revised our plans for fall customer outreach and are planning a moderate media campaign that will focus on fall planting, and appropriate plant selection, with some coordination with nursery partners. A media campaign relating to climate change won't be part of 2008 plans, but will be considered next year. For 2008, we will focus on available utility newsletters, inserts, and promotions with partners.



The message of the campaign is that using compost in soils not only promotes healthy soils and plants, it also increases the amount of carbon stored in the soil, which reduces carbon dioxide in the atmosphere. A web page will be developed on www.savingwater.org to better explain the concept of carbon retention. Staff will provide draft copy to purveyors that may be used in their utility newsletters and other outreach materials.

CONTACT: Nota Lucas, (206) 684-5855

## COMMERCIAL WATER CONSERVATION Integrated Conservation Workshop Planned for September 17

Staff are planning a day-long resource conservation and sustainable building workshop for property managers, building operator

professionals, consultants and contractors, utility staff, and other resource conservation service providers. The free workshop will address nutsand-bolts implementation issues related to water and sustainable building practices, climate change, while building a persuasive case for resource conservation projects. The workshop will take place at Golden Gardens Park in Seattle. The event will be marketed mainly through trade association newsletters and other non-profit organization avenues that reach the targeted audience. The workshop will be offered free of charge, with lunch included. For more information or if you would like specific customers to be invited, please contact Philip Paschke.

CONTACT: Phil Paschke, (206) 684-5883

